

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|------------------------|------------------|---------|---------------------|
| L2 | 3 | linear with branch with GSM\$1 | US- PGPUB; USPAT | AND | ON | 2009/06/02 10:35 |
| L3 | 11 | linear with branch same GSM\$1 | US- PGPUB; USPAT | AND | ON | 2009/06/02 10:35 |
| L10 | 6 | linear with GMS\$1 and quadratic | US- PGPUB; USPAT | AND | OFF | 2009/06/02 10:37 |
| L11 | 0 | linear with branch with GMS\$1 and 375/295-297,309,312.ccls. | US- PGPUB; USPAT | AND | ON | 2009/06/02 10:38 |
| L12 | 3 | linear with branch with GMS\$1 | US- PGPUB; USPAT | AND | ON | 2009/06/02 10:38 |
| L13 | 0 | order with branch with GMS\$1 | US- PGPUB; USPAT | AND | ON | 2009/06/02 10:39 |
| L14 | 143 | order with branch and GMS\$1 | US- PGPUB; USPAT | AND | ON | 2009/06/02 10:39 |
| L15 | 2 | order with branch same GMS\$1 | US- PGPUB; USPAT | AND | ON | 2009/06/02 10:39 |
| L16 | 107 | order with branch and GMS\$1 and linear | US- PGPUB; USPAT | AND | ON | 2009/06/02 10:39 |
| L17 | 23 | order with branch and GMS\$1 and linear and time with slot\$1 | US- PGPUB; USPAT | AND | ON | 2009/06/02 10:40 |
| L18 | 0 | laurent wiht GMSK | US- PGPUB; USPAT | AND | ON | 2009/06/02 10:47 |
| L19 | 24 | laurent with GMSK | US- PGPUB; USPAT | AND | ON | 2009/06/02 10:47 |
| L20 | 24 | (laurent or jung) with GMSK | US- PGPUB; USPAT | AND | ON | 2009/06/02 10:49 |
| L21 | 17 | (laurent or jung) with GMSK and \$1psk | US- PGPUB; USPAT | AND | ON | 2009/06/02 10:49 |
| L22 | 102 | non\$1linear with GMSK and \$1psk | US- PGPUB; USPAT | AND | ON | 2009/06/02 11:02 |
| L23 | 20 | non\$1linear with GMSK and \$1psk and ramp\$3 | US- PGPUB; USPAT | AND | ON | 2009/06/02 11:03 |
| L24 | 703 | zero with ramp\$3 with power | US- PGPUB; USPAT | AND | ON | 2009/06/02 11:06 |

| | | | | | | |
|-----|-----|--|--------------------|-----|----|---------------------|
| L25 | 190 | zero near5 ramp\$3 near3 power | US-PGPUB; USPAT | AND | ON | 2009/06/02 11:06 |
| L26 | 734 | ramp\$3 with (power or envelope) with zeros | US-PGPUB; USPAT | AND | ON | 2009/06/02 13:14 |
| L27 | 273 | ramp\$3 with (power or envelope) with zeros and (@ad<"20020828" or @pd<"20020828" or @rlad<"20020828" or @prad<"20020828") and (gmsk or edge or \$1psk or gsm\$1) | US-PGPUB; USPAT | AND | ON | 2009/06/02 13:15 |
| L29 | 78 | ramp\$3 near5 (power or envelope) near5 zeros and (@ad<"20020828" or @pd<"20020828" or @rlad<"20020828" or @prad<"20020828") and (gmsk or edge or \$1psk or gsm\$1) and (antenna \$1 or transmit\$7 or transmiss\$7) | US-PGPUB; USPAT | AND | ON | 2009/06/02 13:16 |
| L30 | 2 | (laurent or jung) with GMSK 375/295-297,309,312.ccls. | US-PGPUB; USPAT | AND | ON | 2009/06/02 14:23 |
| L34 | 2 | (375/133,229-230,295-297,302-309,312,329-336,377 or 332/103,11,144-148).ccls. and (GMSK and pulse\$1shap\$3 with filter\$3).clm. | US-PGPUB; USPAT | AND | ON | 2009/06/02 14:29 |
| L35 | 1 | (375/133,229-230,295-297,302-309,312,329-336,377 or 332/103,11,144-148).ccls. and (GMSK and (dip or ramp\$3) with zero\$1).clm. | US-PGPUB; USPAT | AND | ON | 2009/06/02 14:30 |
| L36 | 0 | (375/133,229-230,295-297,302-309,312,329-336,377 or 332/103,11,144-148).ccls. and ((dip or ramp\$3) with (insert\$3 or insersion) with zero\$1).clm. | US-PGPUB; USPAT | AND | ON | 2009/06/02 14:32 |
| L37 | 0 | (375/133,229-230,295-297,302-309,312,329-336,377 or 332/103,11,144-148).ccls. and ((dip or ramp\$3) with (insert\$3 or insersion) with fill\$3 with zero\$1).clm. | US-PGPUB; USPAT | AND | ON | 2009/06/02 14:32 |
| L38 | 1 | (375/133,229-230,295-297,302-309,312,329-336,377 or 332/103,11,144-148).ccls. and ((dip or ramp\$3) with fill\$3 with zero\$1).clm. | US-PGPUB; USPAT | AND | ON | 2009/06/02 14:32 |
| L39 | 1 | (375/133,229-230,295-297,302-309,312,329-336,377 or 332/103,11,144-148).ccls. and ((dip or ramp\$3) and fill\$3 with zero\$1).clm. | US-PGPUB; USPAT | AND | ON | 2009/06/02 14:33 |
| L40 | 4 | (375/133,229-230,295-297,302-309,312,329-336,377 or 332/103,11,144-148).ccls. and (GMSK with approximat\$3 and ("8"\$1PSK or \$1PSK)).clm. | US-PGPUB; USPAT | AND | ON | 2009/06/02 14:33 |
| L41 | 0 | (375/133,229-230,295-297,302-309,312,329-336,377 or 332/103,11,144-148).ccls. and (GMSK with approximat\$3 and ("8"\$1PSK or \$1PSK) and shap\$3 with filter\$3).clm. | US-PGPUB; USPAT | AND | ON | 2009/06/02 14:37 |
| L42 | 0 | (375/133,229-230,295-297,302-309,312,329-336,377 or 332/103,11,144-148).ccls. and (GMSK with approximat\$3 and ("8"\$1PSK or \$1PSK) and pulse with filter\$3).clm. | US-PGPUB; USPAT | AND | ON | 2009/06/02 14:37 |
| L43 | 0 | (GMSK with approximat\$3 and ("8"\$1PSK or \$1PSK) and pulse with filter\$3).clm. and ((peter with bode) or (harald with bauer) or (rainer with dietsch)).in. | US-PGPUB; USPAT | AND | ON | 2009/06/02 14:42 |
| L44 | 112 | ((peter with bode) or (harald with bauer) or (rainer with dietsch)).in. | US-PGPUB; USPAT | AND | ON | 2009/06/02 14:42 |

| | | | | | | |
|-----|------|--|-----------------|-----|----|------------------|
| L45 | 4 | ((peter with bode) or (harald with bauer) or (rainer with dietsch)).in. and gmsk and \$psk | US-PGPUB; USPAT | AND | ON | 2009/06/02 14:42 |
| L46 | 8 | (nxp or (koninklijke with philips)).as. and gmsk and \$psk | US-PGPUB; USPAT | AND | ON | 2009/06/02 14:43 |
| S1 | 1 | "5990755".pn. | US-PGPUB; USPAT | AND | ON | 2007/10/15 09:19 |
| S2 | 1129 | \$2psk with gmsk | US-PGPUB; USPAT | AND | ON | 2007/10/12 18:32 |
| S3 | 12 | \$2psk with gmsk same ((power with ramping) or dip or droop\$3) | US-PGPUB; USPAT | AND | ON | 2007/10/15 10:39 |
| S4 | 0 | "2003160654".pn. | US-PGPUB; USPAT | AND | ON | 2007/10/12 19:35 |
| S5 | 1 | "20030160654".pn. | US-PGPUB; USPAT | AND | ON | 2007/10/12 19:35 |
| S6 | 12 | \$2psk with gmsk same ((power same ramping) or dip or droop\$3) | US-PGPUB; USPAT | AND | ON | 2007/10/15 10:37 |
| S7 | 1 | "5216384".pn. | US-PGPUB; USPAT | AND | ON | 2007/10/12 19:57 |
| S8 | 1 | "5990755".pn. and guard | US-PGPUB; USPAT | AND | ON | 2007/10/12 19:59 |
| S9 | 0 | "5990755".pn. and guard and power and GSMK and \$2psk | US-PGPUB; USPAT | AND | ON | 2007/10/12 20:00 |
| S10 | 0 | "5990755".pn. and guard and power | US-PGPUB; USPAT | AND | ON | 2007/10/12 20:00 |
| S11 | 1 | "5990755".pn. and guard | US-PGPUB; USPAT | AND | ON | 2007/10/12 20:00 |
| S12 | 1 | "5990755".pn. and guard envelop\$3 | US-PGPUB; USPAT | AND | ON | 2007/10/12 20:01 |
| S13 | 0 | "5990755".pn. and guard envelop\$3 and gsm\$1 | US-PGPUB; USPAT | AND | ON | 2007/10/12 20:02 |
| S14 | 1 | "5990755".pn. and guard envelop\$3 and \$2psk | US-PGPUB; USPAT | AND | ON | 2007/10/12 20:30 |
| S15 | 79 | \$2psk with egprs | US-PGPUB; USPAT | AND | ON | 2007/10/12 20:32 |
| S16 | 1505 | dsp with computer with program | US-PGPUB; USPAT | AND | ON | 2007/10/15 10:39 |
| S17 | 112 | dsp with computer with program and "375".clas. and @ad<"20030814" | US-PGPUB; USPAT | AND | ON | 2007/10/12 20:33 |

| | | | | | | |
|-----|-----|---|-----------------|-----|-----|------------------|
| S18 | 1 | GMSK with linear with quadratic | US-PGPUB; USPAT | AND | ON | 2007/10/15 09:19 |
| S19 | 258 | GMSK with linear | US-PGPUB; USPAT | AND | ON | 2007/10/15 10:39 |
| S20 | 3 | GMSK same linear same quadratic | US-PGPUB; USPAT | AND | ON | 2007/10/15 10:39 |
| S21 | 12 | GMSK and (linear same quadratic) | US-PGPUB; USPAT | AND | ON | 2007/10/15 09:29 |
| S22 | 25 | GMSK and (linear with branch) | US-PGPUB; USPAT | AND | ON | 2007/10/15 09:42 |
| S23 | 341 | GMSK and (pulse with shap\$3) | US-PGPUB; USPAT | AND | ON | 2007/10/15 09:42 |
| S24 | 290 | GMSK and (pulse adj shap\$3) | US-PGPUB; USPAT | AND | ON | 2007/10/15 09:42 |
| S25 | 175 | GMSK and (pulse adj shap\$3) and @ad<"20030814" | US-PGPUB; USPAT | AND | ON | 2007/10/15 09:46 |
| S26 | 21 | GMSK and (pulse with shap\$3 with linear) and @ad<"20030814" | US-PGPUB; USPAT | AND | ON | 2007/10/15 10:32 |
| S27 | 4 | GMSK and (pulse with shap\$3 with linear) and @ad<"20030814" AND (375/133,302-308,329-336,377).ccls. | US-PGPUB; USPAT | AND | ON | 2007/10/15 10:35 |
| S28 | 3 | \$2psk with gmsk same ((power same ramping) or dip or droop\$3) and (332/103,11,144-148).ccls. | US-PGPUB; USPAT | AND | ON | 2007/10/15 10:38 |
| S29 | 3 | \$2psk with gmsk same ((power with ramping) or dip or droop\$3) and (332/103,11,144-148).ccls. | US-PGPUB; USPAT | AND | ON | 2007/10/15 10:39 |
| S30 | 4 | dsp with computer with program and (332/103,11,144-148).ccls. | US-PGPUB; USPAT | AND | ON | 2007/10/15 10:39 |
| S31 | 1 | GMSK same linear same quadratic and (332/103,11,144-148).ccls. | US-PGPUB; USPAT | AND | ON | 2007/10/15 10:39 |
| S32 | 7 | GMSK with linear and (332/103,11,144-148).ccls. | US-PGPUB; USPAT | AND | ON | 2007/10/15 10:39 |
| S33 | 96 | ((Peter with Bode) or (Harald with Bauer) or (Rainer with Dietsch)).in. | US-PGPUB; USPAT | AND | ON | 2008/04/03 16:01 |
| S34 | 106 | ((Peter with Bode) or (Harald with Bauer) or (Rainer with Dietsch) or (alexander with Lampe) or (Markus Helfenstein)).in. | US-PGPUB; USPAT | AND | ON | 2008/04/03 16:13 |
| S35 | 2 | ((Peter with Bode) or (Harald with Bauer) or (Rainer with Dietsch) or (alexander with Lampe) or (Markus Helfenstein)).in. and (dip\$1 or dipping or ((GMSK with "8"\$1PSK) or GMSK\$28\$1PSK) or ((GSM with EDGE) or GSM\$2EDGE)) | US-PGPUB; USPAT | AND | OFF | 2008/04/03 16:15 |

| | | | | | | |
|-----|--------|--|-----------------|-----|-----|------------------|
| S36 | 10 | ((alexander with Lampe) or (Markus Helfenstein)).in. | US-PGPUB; USPAT | AND | OFF | 2008/04/03 16:35 |
| S37 | 12 | ((alex or alexander) with Lampe) or (Markus Helfenstein)).in. | US-PGPUB; USPAT | AND | OFF | 2008/04/03 16:35 |
| S38 | 123753 | (switch\$3 or chang\$3) with modul\$3 | US-PGPUB; USPAT | AND | OFF | 2008/04/03 16:41 |
| S39 | 1 | "20040208157".pn. | US-PGPUB; USPAT | AND | OFF | 2008/04/03 16:43 |
| S40 | 1 | "7158494".pn. | US-PGPUB; USPAT | AND | OFF | 2008/04/03 16:46 |
| S41 | 74 | ((switch\$3 or chang\$3) with modul\$3 with dis \$1continuit\$3) and (@ad<"20020828" or @pd<"20020828" or @rlad<"20020828" or @prad<"20020828") | US-PGPUB; USPAT | AND | OFF | 2008/04/03 17:15 |
| S42 | 360 | switch\$3 with (modulation or scheme) with (dip\$5 or ramp\$3) | US-PGPUB; USPAT | AND | ON | 2008/04/03 17:51 |
| S43 | 249 | (switch\$3 with (modulation or scheme) with (dip \$5 or ramp\$3)) and (@ad<"20020828" or @pd<"20020828" or @rlad<"20020828" or @prad<"20020828") | US-PGPUB; USPAT | AND | ON | 2008/04/03 17:51 |
| S44 | 11 | (switch\$3 with (modulation or scheme) with (dip \$5 or ramp\$3)) and (@ad<"20020828" or @pd<"20020828" or @rlad<"20020828" or @prad<"20020828") and guard | US-PGPUB; USPAT | AND | ON | 2008/04/03 17:52 |
| S45 | 41 | (switch\$3 with (modulation or scheme) with (dip \$5 or ramp\$3)) and (@ad<"20020828" or @pd<"20020828" or @rlad<"20020828" or @prad<"20020828") and (guard or tdma) | US-PGPUB; USPAT | AND | ON | 2008/04/03 17:52 |
| S46 | 30 | S45 NOT S44 | US-PGPUB; USPAT | AND | ON | 2008/04/03 17:53 |
| S47 | 8436 | linear same quadratic | US-PGPUB; USPAT | AND | OFF | 2008/04/03 18:12 |
| S48 | 5164 | linear same quadrature | US-PGPUB; USPAT | AND | OFF | 2008/04/03 18:13 |
| S49 | 2117 | linear with quadrature | US-PGPUB; USPAT | AND | OFF | 2008/04/03 18:13 |
| S50 | 6246 | linear with quadratic | US-PGPUB; USPAT | AND | OFF | 2008/04/03 18:13 |
| S51 | 151 | (linear with (quadratic or quadrature)) and gmsk | US-PGPUB; USPAT | AND | OFF | 2008/04/03 18:13 |
| S52 | 786 | (linear with (quadratic or quadrature)) and (\$3psk or \$3qam) | US-PGPUB; USPAT | AND | OFF | 2008/04/03 18:14 |
| S53 | 126 | S51 and S52 | US-PGPUB; USPAT | AND | OFF | 2008/04/03 18:14 |

| | | | | | | |
|-----|----|---|-----------------|-----|-----|------------------|
| S54 | 94 | S51 and S52 and (@ad<"20020828" or @pd<"20020828" or @rlad<"20020828" or @prad<"20020828") | US-PGPUB; USPAT | AND | OFF | 2008/04/03 18:15 |
| S55 | 95 | (linear with (quadratic or quadrature)) and ((\$psk or \$3qam) with gmsk) | US-PGPUB; USPAT | AND | OFF | 2008/04/03 18:18 |
| S56 | 5 | (linear with (quadratic or quadrature)) and ((\$psk or \$3qam) with gmsk) and (switching near2 modulation) | US-PGPUB; USPAT | AND | OFF | 2008/04/03 18:19 |
| S57 | 3 | ((switch\$3 or chang\$3) with modulat\$3 with dis\$1continuit\$3) and (@ad<"20020828" or @pd<"20020828" or @rlad<"20020828" or @prad<"20020828") and gmsk | US-PGPUB; USPAT | AND | OFF | 2008/04/03 18:26 |
| S58 | 10 | ((Philip with Mathew) or (Baraa with Dabagh)).in. | US-PGPUB; USPAT | AND | OFF | 2008/04/03 18:42 |
| S59 | 1 | "20040208157".pn. | US-PGPUB; USPAT | AND | ON | 2008/04/14 04:44 |
| S60 | 1 | "20020168026".pn. | US-PGPUB; USPAT | AND | ON | 2008/04/14 08:54 |
| S61 | 1 | "20050249312".pn. | US-PGPUB; USPAT | AND | ON | 2008/04/14 09:10 |
| S62 | 1 | "7158494".pn. | US-PGPUB; USPAT | AND | ON | 2008/04/14 09:25 |
| S63 | 1 | "20040208157".pn. | US-PGPUB; USPAT | AND | ON | 2008/04/14 09:25 |
| S64 | 3 | ("20040208157" or "20020168026" or "5852630").pn. | US-PGPUB; USPAT | AND | ON | 2008/04/14 09:28 |
| S65 | 4 | ("5554709" or "5118290" or "3971751" or "3676478").pn. | US-PGPUB; USPAT | AND | ON | 2008/11/06 00:05 |
| S66 | 1 | "20050249312".pn. | US-PGPUB; USPAT | AND | ON | 2008/11/06 00:30 |
| S67 | 1 | "20040208157".pn. | US-PGPUB; USPAT | AND | ON | 2008/11/06 00:38 |
| S68 | 29 | quadrature with in\$1phase with (power or envelop\$3) with multiplex\$3 | US-PGPUB; USPAT | AND | ON | 2008/11/06 00:42 |
| S69 | 16 | quadrature with in\$1phase with (power near2 amplif\$4) with (multiply\$3 or multiplier\$1) | US-PGPUB; USPAT | AND | ON | 2008/11/06 00:46 |
| S70 | 28 | quadrature with in\$1phase with pre\$1distort\$3 with (multiply\$3 or multiplier\$1) | US-PGPUB; USPAT | AND | ON | 2008/11/06 00:51 |
| S71 | 17 | quadrature with in\$1phase with pre\$1distort\$3 with (multiply\$3 or multiplier\$1) and (@ad<"20020828" or @prad<"20020828" or @rlad<"20020828" or @pd<"20020814") | US-PGPUB; USPAT | AND | ON | 2008/11/06 00:52 |

| | | | | | | |
|-----|------|---|-----------------|-----|-----|------------------|
| S72 | 1 | "6587513".pn. | US-PGPUB; USPAT | AND | ON | 2008/11/06 02:23 |
| S73 | 7241 | chipset with memory | US-PGPUB; USPAT | AND | ON | 2008/11/06 02:29 |
| S74 | 6 | chipset adj memory with (edge or gsm) | US-PGPUB; USPAT | AND | ON | 2008/11/06 02:29 |
| S75 | 1 | "20050249312".pn. | US-PGPUB; USPAT | AND | ON | 2008/11/06 13:11 |
| S76 | 4 | ("5554709" or "5118290" or "3971751" or "3676478").pn. | US-PGPUB; USPAT | AND | ON | 2008/11/06 15:50 |
| S77 | 4 | dsp with computer with program and @ad<"20030814" (332/103,11,144-148).ccls. | US-PGPUB; USPAT | AND | ON | 2008/11/06 15:54 |
| S78 | 11 | ((linear with (quadratic or quadrature)) and ((\$psk or \$qam) with gmsk) (332/103,11,144-148).ccls. | US-PGPUB; USPAT | AND | OFF | 2008/11/06 15:54 |
| S79 | 24 | ((linear with (quadratic or quadrature)) and ((\$psk or \$qam) with gmsk) (332/103,11,144-148 or 375/229-230,295-297).ccls. | US-PGPUB; USPAT | AND | OFF | 2008/11/06 15:55 |
| S80 | 13 | switch\$3 with (modulation or scheme) with (dip\$5 or ramp\$3) (332/103,11,144-148 or 375/229-230,295-297).ccls. | US-PGPUB; USPAT | AND | ON | 2008/11/06 15:56 |
| S81 | 3 | quadrature with in\$1phase with (power or envelop \$3) with multiplex\$3 (332/103,11,144-148 or 375/229-230,295-297).ccls. | US-PGPUB; USPAT | AND | ON | 2008/11/06 15:56 |
| S82 | 32 | linear with quadratic (332/103,11,144-148 or 375/229-230,295-297).ccls. | US-PGPUB; USPAT | AND | OFF | 2008/11/06 15:56 |

6/ 2/ 2009 2:46:08 PM

C:\Documents and Settings\jperez2\My Documents\EAST\Workspaces\10525473 - I-Q signal modulator and tdma Tx.wsp